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APPLICATION NO.	FILIN	G DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/944,506 08/30		0/2001	Pai-Hung Pan	2919.5US (96-499.2)	4348
24247 7	590	01/11/2005		EXAM	INER
TRASK BRITT				FOURSON III, GEORGE R	
P.O. BOX 2550					
SALT LAKE (CITY, UT	84110		ART UNIT	PAPER NUMBER
	•			2823	

DATE MAILED: 01/11/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

		Du San
	Application No.	Applicant(s)
	09/944,506	PAN, PAI-HUNG
Office Action Summary	Examiner	Art Unit
	George Fourson	2823
The MAILING DATE of this communication ap Period for Reply	pears on the cover sheet w	vith the correspondence address
A SHORTENED STATUTORY PERIOD FOR REP THE MAILING DATE OF THIS COMMUNICATION - Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a re - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statu Any reply received by the Office later than three months after the maili earned patent term adjustment. See 37 CFR 1.704(b).	.136(a). In no event, however, may a ply within the statutory minimum of thi I will apply and will expire SIX (6) MO te, cause the application to become A	reply be timely filed irty (30) days will be considered timely. NTHS from the mailing date of this communication. BANDONED (35 U.S.C. § 133).
Status		
1)⊠ Responsive to communication(s) filed on 25	October 2004.	
· - ·	is action is non-final.	
3) Since this application is in condition for allow	ance except for formal ma	tters, prosecution as to the merits is
closed in accordance with the practice under	Ex parte Quayle, 1935 C.	D. 11, 453 O.G. 213.
Disposition of Claims		
4)⊠ Claim(s) <u>1-14 and 18-24</u> is/are pending in the	e application.	
4a) Of the above claim(s) is/are withdr	awn from consideration.	
5)⊠ Claim(s) <u>7 and 9-12</u> is/are allowed.		
6)⊠ Claim(s) <u>1-6,8,13 and 18-24</u> is/are rejected.		
7) Claim(s) is/are objected to.		
8) Claim(s) are subject to restriction and	or election requirement.	
Application Papers		
9) The specification is objected to by the Examir	ner.	
10) The drawing(s) filed on is/are: a) ac		by the Examiner.
Applicant may not request that any objection to th		
Replacement drawing sheet(s) including the corre		
11) The oath or declaration is objected to by the E	·	
Priority under 35 U.S.C. § 119		
12) Acknowledgment is made of a claim for foreig	n priority under 35 U.S.C.	§ 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:		
1. Certified copies of the priority docume	nts have been received.	
2. Certified copies of the priority docume		Application No.
3. Copies of the certified copies of the pri		
application from the International Bure		·
* See the attached detailed Office action for a list		t received.
Attachment(s) 1) Notice of References Cited (PTO-892)	A) Intended	Summary (PTO-413)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No	o(s)/Mail Date
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08 Paper No(s)/Mail Date	5) Notice of 6) Other:	Informal Patent Application (PTO-152)

Application/Control Number: 09/944,506

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The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim 8 is rejected under 35 USC 101 as claiming the same invention of claims 5-12 of prior U.S. Patent No. 6322634. This is a double patenting rejection.

The rejection is maintained as stated in the paper mailed 7/21/04.

It is acknowledged that instant claim 8 depends on claim 7. Applicant's argument that there are limitations in claim 7 not present in claims 5-12 of the patent are not persuasive because it is conclusory.

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 1-6 and 18-24 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. There is no description in the specification as originally filed of a precursor "with no discernable boundary between the integral ledge and a remainder of the at least one shallow trench isolation structure". In the precursor of the invention there is inherently a boundary between those portions of the isolation structure and it would inherently be discernable because the entire structure is discernable.

Claim 13 is rejected under 35 U.S.C. 102(b) as being anticipated by Mandelman et al.

The rejection is maintained as stated in the paper mailed 7/21/04 and as follows.

Portions of the structure have a flat surface as recited. The claim does not require a particular surface to be flat.

Claim 13 is rejected under 35 U.S.C. 102(b) as being anticipated by Morita et al.

The rejection is maintained as stated in the paper mailed 7/21/04 and as above.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action.

Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to George Fourson whose telephone number is (571) 272-1860. The examiner can normally be reached on Monday through Friday.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Olik Chaudhuri, can be reached on (571) 272-1855. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

George Fourson Primary Examiner Art Unit 2823

GFourson January 9, 2005